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ABSTRACT

In 1986, the Utah State Board of Education approved a policy of subject specific certification for all secondary and most middle level teachers in the expectation they will hold an endorsement in any subject they are assigned to teach. To assure quality teaching and at the same time provide for a variety of certification options, the Board approved the following routes through which the underprepared teacher could receive the appropriate endorsement: (1) completion of a major, minor, or composite in the subject area corresponding to their assignment, (2) completion of a State Board approved inservice program; or (3) demonstration of competency in the subject matter area. This report lists the procedures required to obtain a subject matter endorsement and includes: a policy statement on appropriate assignment of teachers; a memo to teachers outlining demonstrated competencies and lines of evidence; curriculum certification information; a list of necessarily existent small rural schools in Utah; and subject specific check lists and guidelines for business/marketing, dance, drama, English, foreign language, health, information technology, journalism, mathematics, music, physical education, reading, science, social studies, speech, and visual arts. (LL)

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SP

ED 369 758

DEMONSTRATED COMPETENCY AND SUBJECT-SPECIFIC ENDORSEMENT GUIDELINES

NOVEMBER 1990

Jay B. Taggart
State Superintendent
of Public Instruction

Utah State Office
of Education

250 East 500 South
Salt Lake City, Utah
84111

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
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TABLE OF CONTENTS

	Page
Table of Contents	1
Policy on Appropriate Assignment of Teachers	3
Memo on Demonstrated Competency and Lines of Evidence	11
Curriculum Certification Information	13
Necessarily Existent Small Rural Schools	25
Subject Specific Check Lists and Guidelines	
Business/Marketing (TLC)	37
Coaching	39
Dance	43
Drama	45
English	47
Foreign Language	49
Health	51
Information Technology	53
Journalism	57
Mathematics	59
Music	63
Physical Education	65
Reading	67
Science	71
Social Studies	79
Speech	87
Visual Arts	89

Revised
1/1/90

UTAH STATE OFFICE OF EDUCATION
TEACHER CERTIFICATION
250 East 500 South
Salt Lake City, Utah 84111

RULE ON APPROPRIATE ASSIGNMENT OF TEACHERS
(R300-520)

STATEMENT OF PHILOSOPHY

On March 7, 1986, the State Board approved new certification requirements for early childhood, elementary, middle, and secondary teachers. Subject-specific certification was included for secondary and for most middle level teachers. In other words, these teachers are now certificated in English, mathematics, physical education, etc., and the expectation is that they will hold a subject endorsement in any subject field they are assigned to teach.

AUTHORITY AND PURPOSE

1. This rule is authorized by Article X, Section 3, of the Utah State Consititution which entrusts the State Board of Education with power to supervise public education, Section 53A-1-401(3), U.C.A., 1953, which gives the Board authority to adopt rules in accordance with its responsibilities, and Section 53A-6-101(3), U.C.A. 1953, which authorizes the Board to rank, endorse, or classify certificates.

2. The purpose of this rule is to provide for teachers to receive appropriate teaching endorsements from the Board.

DEFINITION OF TERMS

1. Board - The Utah State Board of Education

2. Endorsement - A specialty field or area listed on the teaching certificate which indicates the specific qualification(s) of the holder.

3. Basic Certificate - Initial certificate issued for four years by the Board which permits the holder to be employed in the public school system as an educator.

4. Standard Certificate - A certificate issued by the Board after a holder has demonstrated competence under the Basic Certificate.

5. USOE - The Utah State Office of Education.

RULES ON APPROPRIATE ASSIGNMENT

1. The following are Standards for the appropriate assignment of certificated personnel:

   a. Early Childhood teachers (kindergarten through third) shall hold Basic or Standard Early Childhood Certificates.

   b. Elementary teachers (one through eight) shall hold Basic or Standard Elementary Certificates. Those teachers teaching in grades 7 and 8 must be subject-specific endorsed in the subject(s) they are teaching.

   c. Secondary school teachers (six through twelve), including middle level and junior high school, shall hold appropriate Basic or Standard Certificates with endorsements in the subject field(s) in which they teach.

      (1) Secondary teachers assigned to integrated subject, block, or core programs where two or more subjects are included, such as combinations of English-social studies or math-science, must hold an endorsement in at least one of the subjects. Included in this policy are technology, life and career programs (TLC).

      (2) A secondary or middle-level teacher may be assigned in a subject area for which he/she is not endorsed if the school district requests and receives a Letter of Authorization from the Board.

   d. Other professional staff must hold certificates appropriate to their assignments.

2. The Board has approved the following routes through which the underprepared teacher may receive the appropriate endorsement:

   a. Teachers may be endorsed if they complete a major, minor, or composite in the subject area corresponding to their assignment, or

   b. Teachers may choose to complete a State Board of Education approved inservice program in the subject matter area, or

   c. Teachers may demonstrate competency in the subject matter area. To be an applicant, an educator must have taught the course during two of the past five years and submit information/verification through the demonstrated competency lines of evidence.

      Educators employed at Utah area vocational centers shall be allowed to demonstrate competence for certification and/or endorsements. Administrators, counselors, and instructors may request a competency evaluation if they have been employed in the respective area(s) for two of the past five years. If

certification and/or endorsements are issued, they will be valid for use at area vocational centers only. Educators holding "AVC Only" certification and/or endorsements may not transfer to positions outside of the area vocational center.

3. In addition to the endorsement routes described above, the following provisions allow educators to meet the subject-specific regulations:

   a. SB166--Grandfather provision - Teachers assigned to teach classes for more than the previous three years, during which time they were not endorsed, may be exempted from the endorsement requirement by applying on forms available through the USOE Certification Office. An EXEMPTION is made to the requirement for the misassigned class(es) only and is valid only in Utah. (Effective 1988.)

   b. Eminence or Special Qualification Authorization - "Eminently qualified" individuals may teach no more than two periods a day in accordance with the policy passed by the State Board of Education in 1975. This authorization must be renewed annually.

   c. Special Authorization - Individuals in any educational program who are assigned to teach out of their area(s) of preparation may be given special authorization to teach no more than two classes per day in any one subject if they have at least 9 quarter hours of state approved course work in the assigned subject area. Authorization may be extended for two additional years provided that the teacher complete 9 quarter hours of approved course work each year. At the end of the three year period, the teacher must be eligible for an endorsement in the subject area or shall no longer be permitted to teach the subject.

   d. Restricted Endorsement - Individuals assigned to teach several subjects in small necessarily existent or rural secondary schools, alternative high schools, homebound teaching programs, special education/resource teachers who teach academic subjects, adult education high school completion programs, or other similar circumstances must hold a Basic or Standard Certificate with endorsement(s) in one or more core subjects plus not fewer than nine (9) quarter hours of state-approved college or inservice course work in each of the subject areas in which they are assigned. Teachers in the categories described above will receive a Restricted Endorsement valid for the specific assignment only.

   e. Letter of Authorization - By the beginning of the 1988-89 school year and thereafter, if a secondary or middle level teacher is assigned in a subject area for which he/she is not endorsed, and cannot qualify under the above mentioned endorsement routes, it will be necessary for the school district to request a Letter of Authorization to continue the assignment.

PENALTY FOR NON-COMPLIANCE

If the individuals do not meet any of the requirements for certification, endorsement, exemption, or authorization, state funds may be withheld. If the recommendation of the Certification Committee of the Utah State Board of Education is for reduction of state funding, the information will be transmitted, after approval by the Board, to the School Finance Section of the Utah State Office of Education.

UTAH STATE OFFICE
OF EDUCATION

Jay B. Taggart
State Superintendent of Public Instruction

UTAH STATE BOARD OF EDUCATION
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M E M O R A N D U M

TO: Teachers Applying to be Evaluated for Demonstrated Competency in a Subject Area

FROM: Nancy N. Mathews, Specialist, Staff Development

DATE: November 1, 1990

SUBJECT: DEMONSTRATED COMPETENCY AND LINES OF EVIDENCE

In response to your inquiry, listed below are the procedures to assist you in obtaining additional subject matter endorsement(s). These procedures require that you submit evidence demonstrating subject matter competency. Please be aware that in order to be eligible to apply for demonstrated competency, you must have taught (under contract) for two years in the subject within the previous five-year period. This experience must have taken place in UTAH. Lines of evidence may include any or all of the following:

1. Any college courses in the subject matter area (official or legible copy of transcript).
2. Any inservices courses in the subject matter area.
3. Special Methods Courses.
4. The recommendation of your principals and others, which must be specific to the subject.
5. A passing score from a standardized test in the subject in which endorsement is sought.
6. Other lines of evidence such as:
   a. Student test scores on achievement tests in the subject.
   b. Supportive letters from students, specific to the subject.
   c. Supportive letters from parents, specific to the subject.
   d. Peer review by colleagues, specific to the subject.
   e. Course outlines.

Please submit all materials supporting any of the above lines of evidence, including a cover letter identifying the subject area(s) to be evaluated, to:

Nancy N. Mathews
Specialist, Staff Development
Utah State Office of Education
250 East 500 South
Salt Lake City, Utah 84111

If you have questions, direct them to me at 538-7742.

ENDRS/va

Updated 10-18-90

CURRICULUM CERTIFICATION INFORMATION

On January 6, 1984, the State Board of Education approved a policy which requires that beginning with the 1988-89 school year, teachers will be required to hold subject specific endorsements for the required courses to which they have been assigned. In order to assure quality teaching and at the same time provide for a variety of certification options, the Board has approved the following routes through which the underprepared teacher may receive the appropriate endorsement:

1. Teachers may be endorsed if they complete a major, minor, or composite in the subject area corresponding to their assignment, or

2. Teachers may choose to complete a State Board of Education approved inservice program in the subject matter area, or

3. Teachers may demonstrate competency in the subject matter area if they have taught two of the past five years in that subject and submit information/verification through the demonstrated competency lines of evidence.

Any one of the above options may be selected by underprepared teachers to meet the requirements of the State Board policy.

Any class not having an approved assignment code can be assigned to the most applicable subject and assignment area by the district. Many elective subjects fall into this category; i.e., American Problems, Man and His Environment, Creative Writing, etc.

A teacher need only have one of the required certificates and only one of the required endoresements if more than one is listed.

REQUIRED ENDORSEMENTS FOR TEACHING ASSIGNMENTS

ASSIGNMENT CODE	TEACHING ASSIGNMENTS	CERTIFICATE REQUIREMENTS	REQUIRED ENDORSEMENTS	ENDORSEMENT CODE
		CHEERLEADER, DRILL TEAM, PEP CLUB, STUDENT GOVERNMENT, YEAR BOOK		
410207	Student Advisor	Elementary Middle Secondary	Any Valid Endorsement	
		INFORMATIONAL TECHNOLOGY		
110400	Computer Science	Elementary Middle Secondary	Computer Science	110400
110600	Computer Literacy	Elementary Middle Secondary	Computer Literacy	110600
		DANCE		
080405	Dance	Elementary Middle Secondary	Dance	080405

ASSIGNMENT CODE	TEACHING ASSIGNMENTS	CERTIFICATE REQUIREMENTS	REQUIRED ENDORSEMENTS	ENDORSEMENT CODE
		DEBATE		
050800	Debate	Secondary	English History Language Arts Political Science Social Studies Comp. Speech Speech-Drama	050000 150800 050001 151100 150000 050500 050550
		FOREIGN LANGUAGE		
060108	Chinese	Elementary Middle Secondary	Chinese	060108
060208	French	Elementary Middle Secondary	French	060208
060209	German	Elementary Middle Secondary	German	060209
060110	Japanese	Elementary Middle Secondary	Japanese	060110
060105	Latin	Elementary Middle Secondary	Latin	060105
060218	Russian	Elementary Middle Secondary	Russian	060218
060219	Spanish	Elementary Middle Secondary	Spanish	060219
		HEALTHY LIFESTYLES		
080303	Physical Education (K-12)	Secondary	Physical Education (K-12)	080303
080300	Physical Education	Elementary Middle Secondary	Physical Education (K-12) Physical Education	080303 080300
080100	Health	Elementary Middle Secondary	Health	080100
080500	Coaching, Level 2 Football Soccer Basketball Gymnastics Baseball Wrestling Softball Volleyball Swimming	Elementary Middle Secondary	Coaching, Level 2	080500
080407	Coaching, Level 1 Golf Cross Country Tennis Track	Elementary Middle Secondary	Coaching, Level 1 Coaching, Level 2	080407 080500

ASSIGNMENT CODE	TEACHING ASSIGNMENTS	CERTIFICATE REQUIREMENTS	REQUIRED ENDORSEMENTS	ENDORSEMENT CODE
		HUMANITIES		
050369	Humanities	Elementary Middle Secondary	Humanities English Language Arts Music Music (K-12) Art Art (K-12)	050369 050000 050001 120000 120102 020000 020001
		JOURNALISM		
050403	Journalism	Elementary Middle Secondary	Journalism Language Arts English	050403 050001 050000
		ENGLISH/LANGUAGE ARTS/READING		
050000	English	Elementary Middle Secondary	English Language Arts	050000 050001
050001	Language Arts	Elementary Middle Secondary	English Language Arts	050000 050001
050101	Reading	Elementary Middle Secondary	Reading	050101
		MATHEMATICS		
110020	Mathematics, Level 2 Applied Mathematics Basic Core I Basic Core II Level 7 Level 8 Algebra Preparation Elementary Algebra	Elementary Middle Secondary	Mathematics, Level 2 Mathematics, Level 3 Mathematics, Level 4	110020 110030 110040
110030	Mathematics, Level 3 Geometry Intermediate Algebra Advanced Algebra Trigonometry All Level 2 Core Courses	Elementary Middle Secondary	Mathematics, Level 3 Mathematics, Level 4	110030 110040
110040	Mathematics, Level 4 Analytic Geometry Calculus All Level 2 & 3 Core Courses	Elementary Middle Secondary	Mathematics, Level 4	110040

ASSIGNMENT CODE	TEACHING ASSIGNMENTS	CERTIFICATE REQUIREMENTS	REQUIRED ENDORSEMENTS	ENDORSEMENT CODE
		MUSIC		
120102	Music (K-12)	Secondary	Music (K-12)	120102
120000	Music	Elementary Middle Secondary	Music (K-12) Music	120102 120000
120500	Music, Instrumental	Elementary Middle Secondary	Music (K-12) Music	120102 120000
120400	Music, Vocal	Elementary	Music (K-12) Music	120102 120000
		PARENT EDUCATION		
090117	Parent Education	Middle Secondary Special Ed. Vocational	Voc/Cons. Home Economics or other Valid Endorsement	090100
		SCHOOL NEWSPAPER		
051000	School Newspaper	Secondary	English Journalism Language Arts	050000 050403 050001
		SCIENCE		
130200	Life Science (Grades 7-8)	Elementary Middle Secondary	Biological Science	130200
130400	Earth-Space Science (Grades 7-8)	Elementary Middle Secondary	Earth-Space Science Physical Science Geology	130400 130300 130402
130300	Physical Science (Grades 7-8)	Elementary Middle Secondary	Physical Science Chemistry Physics Earth-Space Science	130300 130301 130302 130400
130200	Biology (Grades 9-12) (Same for AP Biology)	Middle Secondary	Biological Science	130200
130301	Chemistry (Grades 9-12) (Same for AP Chemistry)	Middle Secondary	Chemistry Physical Science	130301 130300
130302	Physics (Grades 9-12) (Same for AP Physics)	Middle Secondary	Physics Physical Science	130302 130300
130104	Biological-Earth Science (Grades 9-12)	Middle Secondary	Biological Science Earth-Space Science	130200 130400
130105	Physical-Earth Science (Grades 9-12)	Middle Secondary	Physical Science Earth-Space Science	130300 130400
130206	Human Biology	Elementary Middle Secondary	Biological Science	130200

ASSIGNMENT CODE	TEACHING ASSIGNMENTS	CERTIFICATE REQUIREMENTS	REQUIRED ENDORSEMENTS	ENDORSEMENT CODE
		SOCIAL STUDIES		
151800	Utah Studies (Grades 7-8)	Elementary Middle Secondary	Utah Studies History Social Studies Composite	151800 150800 150000
150800	U. S. History (Grades 7-8)	Elementary Middle Secondary	History Social Studies Composite	150800 150000
150700	World Cultural Geography I and II (Grades 9-12)	Middle Secondary	Geography Social Studies Composite	150700 150000
150800	Ancient and/or Modern World Civilizations or A.P. European History	Middle Secondary	History Social Studies Composite	150800 150000
150800	U. S. Studies or A.P. American History	Middle Secondary	History Social Studies Composite	150800 150000
150600	Economics or A.P. Economics	Middle Secondary	Economics Social Studies Composite Business (Voc/Gen) Marketing (Gen/Voc)	150600 150000 030100 040708
151200	Psychology	Middle Secondary	Psychology Social Studies Composite	151200 150000
151300	Sociology	Middle Secondary	Sociology Social Studies Composite	151300 150000
151100	United States Government/ Law or A.P. American Government Politics	Middle Secondary	Political Science Social Studies Composite History	151100 150000 150800
151600	Antrhopology	Secondary	Anthropology Social Studies Composite	151600 150000
		SPEECH		
050500	Speech	Elementary Middle Secondary	Speech Speech-Drama Language Arts	050500 050550 050001
		THEATRE OR DRAMA		
050600	Drama	Elementary Middle Secondary	Drama Speech Speech-Drama	050600 050500 050550

ASSIGNMENT CODE	TEACHING ASSIGNMENTS	CERTIFICATE REQUIREMENTS	REQUIRED ENDORSEMENTS	ENDORSEMENT CODE
		TLC-BUSINESS/MARKETING		
030001	TLC/Business/Marketing	Middle Secondary Vocational	Business Marketing	030100 040708
		VISUAL ARTS		
020001	Art (K-12)	Secondary		020001
020000	Art Foundations I Foundations II Ceramics Jewelry General Crafts Sculpture Art History & Criticism Printmaking Architecture Design Interior Design Painting Commercial Art A.P. Art	Elementary Middle Secondary	Art (K-12) Art	020001 020000
	Photography	Elementary Middle Secondary	Art Photography	020000 020207

NECESSARILY EXISTENT SMALL RURAL SCHOOLS
1990-91

07-Jun-90

DISTRICT REQUEST 1990-91	APPROVED 1989-90	WPU ESTIMATED 1989-90	WPU ESTIMATED 1990-91	ESTIMATED ADM WITH WEIGHTED KIND	GRADE SPAN	POLICY CRITERIA MET - 1990-91								APPROVED 1990-91	CONSOLI-DATION RECOM.	NOT APPROVED 1990-91
						1(A)	1(B)	1(C)	1(D)	1(E)	1(F)	1(G)	1(H)			
BEAVER																
Minersville Elem.	X	27.796	42.510	106.605	K-6	X	0	NA	NA	NA	NA	NA	X	X		
Beaver High	X	93.727	91.529	350.100	7-12	X	X	NA	NA	0	NA	NA		X		
Milford High	X	130.484	131.399	138.600	7-12	X	0	NA	NA	0	X	0		X		
TOTAL		252.007	265.438	595.305												
BOX ELDER																
Grouse Creek Elem.	X	16.922	28.345	13.995	K-6	X	X	NA	NA	NA	NA	NA		X		
Grouse Creek Sec.	X	12.576	11.318	8.100	7-10	X	X	X	NA	NA	NA	NA		X		
Howell Elem.	X	30.413	30.806	43.155	K-5	X	X	NA	NA	NA	NA	NA		X		
Park Valley Elem.	X	26.097	26.803	33.975	K-6	X	X	NA	NA	NA	NA	NA		X		
Park Valley Sec.	X	13.833	22.637	16.200	7-10	X	X	X	NA	NA	NA	NA		X		
Snowville Elem.	X	34.368	31.414	44.550	K-5	X	X	NA	NA	NA	NA	NA		X		
TOTAL		134.209	151.323	159.975												
CARBON																
East Carbon High	X	142.272	142.272	162.000	7-12	X	NA	X	NA	NA	X	NA		X		
Helper Jr. High	X	95.920	95.920	243.000	7-9	X	NA	X	NA	NA	X	NA		X		
TOTAL		238.192	238.192	405.000												
DAGGETT																
Flaming Gorge Elem.	X	29.125	30.989	24.570	K-6	X	X	NA	NA	NA	NA	NA		X		
Manila Elem.	X	36.261	35.574	58.185	K-6	X	X	NA	NA	NA	NA	NA		X		
Manila High	X	103.122	93.061	66.600	7-12	X	X	NA	NA	NA	NA	NA		X		
TOTAL		168.508	159.624	149.355												
DUCHESNE																
Tabiona Elem.	X	39.361	39.273	75.150	K-6	X	X	NA	NA	NA	NA	NA		X		
Tabiona High	X	113.182	103.503	83.700	7-12	X	X	NA	NA	0	0	0		X		
Altamont High	X	118.448	115.976	270.000	7-12	X	X	NA	NA	NA	NA	NA		X		
Duchesne High	X	122.080	122.080	238.500	7-12	X	X	NA	NA	NA	NA	NA		X		
TOTAL		393.071	380.832	667.350												

X Indicates Agreement 0 Indicates Disagreement NA Indicates Not Applicable

Source: School Finance & Business
LOTUS\DEANNA\SMSCHS

NECESSARILY EXISTENT SMALL RURAL SCHOOLS
1990-91

07-Jun-90

DISTRICT REQUEST 1990-91	APPROVED 1989-90	WPU ESTIMATED 1989-90	WPU ESTIMATED 1990-91	ESTIMATED ADM WITH WEIGHTED KIND	GRADE SPAN	POLICY CRITERIA MET - 1990-91 1(A)	1(B)	1(C)	1(D)	1(E)	1(F)	1(G)	1(H)	APPROVED 1990-91	CONSOLI-DATION RECOM.	NOT APPROVED 1990-91
EMERY																
Canyon View Jr. High	X	86.232	60.334	287.100	7-9	X	X	X	NA	NA	NA	NA		X		
Book Cliff Elem.	X	39.195	35.796	118.800	K-8	X	X	NA	NA	NA	NA	NA		X		
Green River High	X	106.704	107.619	91.800	7-12	X	X	NA	NA	NA	NA	NA		X		
TOTAL		232.131	203.749	497.700												
GARFIELD																
Antimony Elem.	X	26.460	16.039	12.285	K-6	X	X	NA	NA	NA	NA	NA		X		
Panguitch Middle	X	81.752	79.178	111.600	6-8	X	NA	X	NA	NA	NA	NA		X		
Bryce Valley Elem.	X	40.707	42.510	108.225	K-6	X	X	NA	NA	NA	NA	NA		X		
Bryce Valley High	X	113.654	118.593	113.400	7-12	X	X	NA	NA	NA	NA	NA		X		
Escalante Elem.	X	18.854	32.293	123.390	K-6	X	X	NA	NA	NA	NA	NA		X		
Escalante High	X	119.363	107.161	90.900	7-12	X	X	NA	NA	NA	NA	NA		X		
Panguitch High	X	105.593	112.750	122.400	9-12	X	X	X	NA	NA	NA	NA		X		
Boulder Elem.	X	28.438	28.787	13.590	K-6	X	X	NA	NA	NA	NA	NA		X		
TOTAL		534.821	537.311	695.790												
GRAND																
Grand Jr. High	X	95.920	95.920	208.800	7-8	X	X	NA	NA	NA	NA	NA		X		
Grand High	X	49.364	45.008	328.500	9-12	X	X	NA	NA	NA	NA	NA		X		
TOTAL		145.284	140.928	537.300												
IRON																
Escalante Valley Elem.	X	42.510	42.510	98.910	K-6	X	X	NA	NA	NA	NA	NA		X		
Parowan High	X	110.482	115.152	272.700	7-12	X	X	NA	NA	NA	NA	NA		X		
TOTAL		152.992	157.662	371.610												

X Indicates Agreement 0 Indicates Disagreement NA Indicates Not Applicable

Source: School Finance & Business
LOTUS\DEANNA\SMSCHS

NECESSARILY EXISTENT SMALL RURAL SCHOOLS
1990-91

07-Jun-90

DISTRICT REQUEST 1990-91	APPROVED 1989-90	WPU ESTIMATED 1989-90	WPU ESTIMATED 1990-91	ESTIMATED ADM WITH WEIGHTED KIND	GRADE SPAN	POLICY CRITERIA MET - 1990-91 1(A)	1(B)	1(C)	1(D)	1(E)	1(F)	1(G)	1(H)	APPROVED 1990-91	CONSOLI-DATION RECOM.	NOT APPROVED 1990-91
JUAB																
Mona Elem.	X	34.903	42.510	107.501	K-5	X	0	NA	NA	NA	NA	NA	X	X		
Juab Middle	X	41.342	76.736	270.000	6-8	X	NA	X	NA	NA	NA	NA		X		
Juab High	X	23.230	27.586	346.500	9-12	X	NA	NA	X	NA	NA	NA		X		
TOTAL		99.475	146.832	724.001												
KANE																
Valley Elem.	X	27.075	31.573	124.335	K-6	X	X	NA	NA	NA	NA	NA		X		
Kanab Middle	X	95.920	95.920	214.200	6-8	X	X	X	NA	NA	NA	NA		X		
Valley High	X	123.166	123.624	123.300	7-12	X	X	NA	NA	NA	NA	NA		X		
Kanab High	X	120.990	120.990	236.700	9-12	X	X	NA	NA	NA	NA	NA		X		
Bigwater Elem.	X	35.417	36.634	63.045	K-6	X	X	NA	NA	NA	NA	NA		X		
Bigwater High	X	47.788	33.955	24.300	7-12	X	X	NA	NA	NA	NA	NA		X		
Lake Powell Elem.	X	25.424	25.206	16.875	K-6	X	X	NA	NA	NA	NA	NA		X		
Lake Powell High	X	24.146	22.637	16.200	7-12	X	X	NA	NA	NA	NA	NA		X		
TOTAL		499.926	490.539	818.955												
MILLARD																
Garrison Elem.	X	17.020	20.503	8.190	K-6	X	X	NA	X	NA	NA	NA		X		
Garrison Sec.	X	4.905	4.905	4.500	7-8	X	X	NA	X	NA	NA	NA		X		
Millard High	X	75.498	66.786	306.000	9-12	X	X	X	NA	NA	NA	NA		X		
TOTAL		97.423	92.194	318.690												
NORTH SANPETE																
Spring City Elem.	X	25.014	42.510	109.125	K-5	X	0	NA	NA	0	0	X		X		
Fountain Green Elem.	X	42.510	41.274	84.330	K-5	X	0	NA	NA	NA	NA	NA	X	X		
TOTAL		67.524	83.784	193.455												
NORTH SUMMIT																
North Summit High	X	121.034	120.990	198.900	9-12	X	NA	NA	X	NA	NA	NA		X		
TOTAL		121.034	120.990	198.900												

X Indicates Agreement 0 Indicates Disagreement NA Indicates Not Applicable

Source: School Finance & Business
LOTUS\DEANNA\SMSCHS

NECESSARILY EXISTENT SMALL RURAL SCHOOLS
1990-91

07-Jun-90

DISTRICT REQUEST 1990-91	APPROVED 1989-90	WPU ESTIMATED 1989-90	WPU ESTIMATED 1990-91	ESTIMATED ADM WITH WEIGHTED KIND.	GRADE SPAN	POLICY CRITERIA MET - 1990-91 1(A)	1(B)	1(C)	1(D)	1(E)	1(F)	1(G)	1(H)	APPROVED 1990-91	CONSOLI-DATION RECOM.	NOT APPROVED 1990-91
PARK CITY																
Park City High	X	14.519	(TOO LARGE)		9-12	X	NA	X	NA	NA	NA	NA				
TOTAL		14.519														
PIUTE																
Circleville Elem.	X	42.510	41.558	85.635	K-6	X	X	NA	NA	NA	NA	NA		X		
Oscarson Elem.	X	32.591	35.849	59.445	K-6	X	X	NA	NA	NA	NA	NA		X		
Piute High	X	142.272	142.272	186.300	7-12	X	NA	NA	X	NA	NA	NA		X		
TOTAL		217.373	219.679	331.380												
RICH																
North Rich Elem.	X	42.510	42.510	95.940	K-6	X	X	NA	NA	NA	NA	NA		X		
Rich Jr. High	X	65.945	64.964	79.200	7-8	X	X	NA	NA	NA	NA	NA		X		
Rich High	X	109.218	115.104	126.000	9-12	X	X	NA	NA	NA	NA	NA		X		
TOTAL		217.673	222.578	301.140												
SAN JUAN																
Bluff Elem.	X	35.281	42.510	104.895	K-6	X	X	NA	NA	NA	NA	NA		X		
LaSal Elem.	X	25.108	32.607	23.085	K-4	X	X	NA	NA	NA	NA	NA		X		
Halls Crossing Elem.	X	22.705	23.342	18.585	K-6	X	X	NA	NA	NA	NA	NA		X		
Halls Crossing Sec.	X	5.030	5.030	3.600	7-12	X	X	NA	NA	NA	NA	NA		X		
Monticello High	X	106.637	103.615	310.500	7-12	X	X	NA	NA	NA	NA	NA		X		
Monument Valley High	X	122.080	122.080	245.700	7-12	X	X	NA	NA	NA	NA	NA		X		
San Juan High	X	16.261	12.777	361.800	9-12	X	X	NA	NA	NA	NA	NA		X		
Whitehorse High	X	102.517	112.955	279.900	7-12	X	X	NA	NA	NA	NA	NA		X		
TOTAL		435.619	454.916	1,348.065												

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Source: School Finance & Business
LOTUS\DEANNA\SMSCHS

NECESSARILY EXISTENT SMALL RURAL SCHOOLS
1990-91

07-Jun-90

DISTRICT REQUEST 1990-91	APPROVED 1989-90	WPU ESTIMATED 1989-90	WPU ESTIMATED 1990-91	ESTIMATED ADM WITH WEIGHTED KIND	GRADE SPAN	POLICY CRITERIA MET - 1990-91 1(A)	1(B)	1(C)	1(D)	1(E)	1(F)	1(G)	1(H)	APPROVED 1990-91	CONSOLI-DATION RECOM	NOT APPROVED 1990-91
SEVIER																
Koosharem Elem.	X	32.861	29.197	39.465	K-6	X	X	NA	NA	NA	NA	NA		X		
North Sevier Middle	X	88.252	95.920	251.100	6-8	X	NA	X	NA	NA	NA	NA		X		
South Sevier Middle	X	80.543	95.920	250.200	6-8	X	NA	X	NA	NA	NA	NA		X		
North Sevier High	X	120.990	120.990	249.300	9-12	X	0	NA	NA	NA	X	NA		X		
South Sevier High	X	50.104	60.689	312.300	9-12	X	0	NA	NA	NA	X	NA		X		
TOTAL		372.750	402.716	1,102.365												
SOUTH SANPETE																
Ephraim Middle	X	16.306	16.306	333.000	6-8	X	0	X	NA	0	0	0		X		
Gunnison Valley High	X	102.242	85.761	369.000	7-12	X	X	NA	NA	NA	NA	NA		X		
Manti High	X	49.364	40.653	333.000	9-12	X	NA	X	NA	0	X	X		X		
TOTAL		167.912	142.720	1,035.000												
SOUTH SUMMIT																
South Summit Middle	X	95.920	95.920	228.600	6-8	X	NA	X	NA	NA	NA	NA		X		
South Summit High	X	112.085	120.990	247.500	9-12	X	NA	NA	X	NA	NA	NA		X		
TOTAL		208.005	216.910	476.100												
TINTIC																
Callao Elem.	X	-	-	-	K-6	Consolidated with West Desert (Approved for last time - 1990-91)										
Callao Sec.	X	-	-	-	7-8	Consolidated with West Desert (Approved for last time - 1990-91)										
West Desert Elem.	X	28.333	25.626	31.275	K-6	X	X	NA	NA	NA	NA	NA		X		
West Desert High	X	38.848	40.242	28.800	7-12	X	X	NA	NA	NA	NA	NA		X		
Eureka Elem.	X	33.906	37.595	67.455	K-6	X	X	NA	NA	NA	NA	NA		X		
Tintic High	X	113.182	102.588	81.900	7-12	X	NA	NA	X	NA	NA	NA		X		
TOTAL		214.269	206.051	209.430												

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Source School Finance & Business
LOTUS\DEANNA\SMSCHS

NECESSARILY EXISTENT SMALL RURAL SCHOOLS
1990-91

07-Jun-90

DISTRICT REQUEST 1990-91	APPROVED 1989-90	WPU ESTIMATED 1989-90	WPU ESTIMATED 1990-91	ESTIMATED ADM WITH WEIGHTED KIND	GRADE SPAN	POLICY CRITERIA MET - 1990-91 1(A)	1(B)	1(C)	1(D)	1(E)	1(F)	1(G)	1(H)	APPROVED 1990-91	CONSOLI-DATION RECOM.	NOT APPROVED 1990-91
TOOELE																
Vernon Elem.	X	26.182	32.068	23.580	K-6	X	X	NA	NA	NA	NA	NA		X		
Grantsville High	X	10.163	(TOO LARGE)		9-12	X	X	NA	NA	NA	NA	NA		X		
Ibapah Elem.	X	27.266	29.326	13.095	K-6	X	X	NA	NA	NA	NA	NA		X		
Dugway High	X	142.272	142.272	203.400	7-12	X	X	NA	NA	NA	NA	NA		X		
Wendover High	X	110.820	118.593	113.400	7-12	X	X	NA	NA	NA	NA	NA		X		
TOTAL		316.703	322.259	353.475												
UINTAH																
West Jr. High	X	93.138	95.920	234.000	7-9	X	X	X	NA	NA	NA	NA		X		
TOTAL		93.138	95.920	234.000												
WASATCH																
North Elem.	X	36.600	37.134	65.340	K	Approved for Last Time - 1990-91										
TOTAL		36.600	37.134	65.340												
WASHINGTON																
Enterprise High	X	142.272	142.272	219.600	7-12	X	X	NA	NA	NA	NA	NA		X		
Springdale Elem.	X	34.633	31.198	44.055	K-6	X	X	NA	NA	NA	NA	NA		X		
TOTAL		176.905	173.470	263.655												
WAYNE																
Hanksville Elem.	X	28.844	27.372	35.280	K-6	X	X	NA	NA	NA	NA	NA		X		
Wayne Middle	X	90.557	88.595	133.200	6-8	X	NA	X	NA	NA	NA	NA		X		
Wayne High	X	118.483	119.170	168.300	9-12	X	NA	X	X	NA	NA	NA		X		
TOTAL		237.884	235.137	336.780												
WEBER																
Snowcrest Jr. High	X	67.240	47.384	300.600	7-9	X	X	X	NA	NA	NA	NA		X		
TOTAL		67.240	47.384	300.600												
GRAND TOTAL		5,080.090	5,110.371	11,086.016												

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Source: School Finance & Business
LOTUS\DEANNA\SMSCHS

Secondary TLC Business/Marketing Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for TLC Business/Marketing Endorsement

Name _____ School _____

Major _____ District _____

Minor _____ Social Security # _____

Subject Area(s) To Be Considered _____

A secondary endorsement in TLC Business/Marketing requires a composite major, a major or a minor in business or marketing Education or state approved inservice course work. Course work for a minor or approved inservice must meet the basic requirements for business/marketing.

OPTIONS:

1. Secondary teaching certificate including:

   a. Business or Marketing Education Major/Minor OR Composite

   b. Participation in a three-day State In-Service Workshop on TLC Business/Marketing curriculum.

OR

2. Secondary Teaching Certificate, including:

   a. Participation in a three-day State In-Service Workshop on TLC Business/Marketing curriculum.

   b. Four-hour orientation of business and marketing secondary programs designed for all non-certificated teachers assigned to teach the Business/Marketing TLC program after August 1, 1990.

   c. Documented evidence of computer literacy in the use of word processing, spreadsheet, and data base software.

Individuals will receive a permanent exemption for TLC Business/Marketing by completing requirements in Options #1 or 2.

Secondary Coaching Endorsement - Level I

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Physical Education Endorsement

Name _____ School _____

District _____

Any person with or without a teaching certificate who does not have a physical education major or minor with a coaching emphasis or coaching major or minor, may receive an endorsement as a Level 1 coach (assistant high-risk* sports or assistant or head coach low-risk* sports) upon completion of an approved inservice training program of at least 8 hours covering the areas listed below.

A first aid course is required in addition to the 8 hour inservice requirements listed below.

[ ] The Prevention and Care of Athletic Injuries

[ ] Bio-Physiology - including nutrition, drugs, biomechanics, and conditioning

[ ] Emergency Life Support Skills to include, but not limited to, advanced first aid, CPR, mouth-to-mouth resuscitation, control of hemorrhaging, Heimlich Maneuver, and fractures

[ ] Sport Pedagogy - including skill analysis, learning theories, and progressions

[ ] Psycho-Social Aspects of Sports, competition, and coaching - to include, but not be limited to, the psychology of performance, role modeling, leadership, sportsmanship, competition, human relationships, and public relations

[ ] Adolescent Growth and Development - to include, but not be limited to, physical, social, and emotional stress and limitations, external social and emotional pressures

[ ] Officiating Athletic Events, local district rules and regulations, High School Activities Association By-laws and interpretations of rules, legal issues in sports, and school activities

[ ] Sports Management - including sports law, risk management, and team management.

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* High-risk sports include: football, basketball, baseball, softball, soccer, gymnastics, wrestling, volley ball, and swimming.

* Low-risk sports include: golf, tennis, cross country, and track

Secondary Coaching Endorsement - Level II

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Coaching, Level II Endorsement

Name _____ School _____

District _____

A teacher with a major or minor in physical education with an emphasis in coaching or a major or minor in coaching, will receive a Level II endorsement to be a head coach for high-risk sports*. An endorsement to serve as a Level II coach for high-risk sports, without a physical education major or minor with an emphasis in coaching or coaching major or minor, requires a minimum of 24 quarter hours (16 semester hours). These hours can be acquired through college course work or approved inservice classes in the following areas:

[ ] The Prevention and Care of Athletic Injuries

[ ] Bio-Physiology - including nutrition, drugs, biomechanics, and conditioning

[ ] Emergency Life Support Skills to include, but not limited to, advanced first aid, CPR, mouth-to-mouth resuscitation, control of hemorrhaging, Heimlich Maneuver, and fractures

[ ] Sport Pedagogy - including skill analysis, learning theories, and progressions

[ ] Psycho-Social Aspects of Sports, competition, and coaching - to include, but not be limited to, the psychology of performance, role modeling, leadership, sportsmanship, competition, human relationships, and public relations

[ ] Adolescent Growth and Development - to include, but not be limited to, physical, social, and emotional stress and limitations, external social and emotional pressures

[ ] Officiating Athletic Events, local district rules and regulations, High School Activities Association By-laws and interpretations of rules, legal issues in sports, and school activities

[ ] Sports Management - including sports law, risk management, and team management.

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* High-risk sports include: football, basketball, baseball, softball, soccer, gymnastics, wrestling, volley ball, and swimming.

** A Level II Endorsement covers all high-risk and low-risk sports.

Secondary Dance Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Dance Endorsement

Name _____ School _____

District _____

A teacher with a major or minor in dance will receive an endorsement to teach any class in secondary dance education. An endorsement to teach dance without a minor in dance requires a minimum of 24 quarter hours (16 semester hours). These hours can be acquired through college course work or approved inservice classes in the following areas:

Boxes with an "X" indicate the minimum requirement in that area has been met.

[ ] Exercise Physiology

[ ] Athletic Training

[ ] [ ] 2 Methods of Teaching Dance (ballroom, folk, square, modern, jazz, ballet)

In completing the required number of hours, individuals may have additional course work or inservice classes in the following areas:

[ ] Aerobics

[ ] Gymnastics

[ ] Choreography - Performance

[ ] Dance History

[ ] Dance Composition

[ ] Biomechanics

[ ] Kinesiology

[ ] Fitness Dynamics (conditioning)

[ ] Movement For Children

[ ] Adapted Physical Education

[ ] Drill Team (Limit 1 Class)

[ ] Dance Activity Classes (Limit 2 Classes)

Secondary Drama Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Drama Endorsement

Name _____ School _____

District _____

A teacher with a major or minor in drama will receive an endorsement to teach secondary drama courses.

An endorsement to teach drama without a major or minor in drama requires a minimum of 24 hours of either college course work or approved inservice classes. Course work must include, but is not limited to the following:

Boxes with an "X" indicate the minimum requirement in that area has been met.

[ ] Introduction to theater (survey of dramatic principles and theatrical conventions; function of theater personnel and practices of the modern stage).

[ ] Voice and diction (introduction to the fundamental techniques of vocal production for the theater).

[ ] Acting basics (development of physical, mental, and emotional resources required in acting).

[ ] Technical aspects of theater production (practice in drafting, stagecraft, costume construction, painting, lighting, figure drawing, rendering techniques, and sound as they apply to the theater).

[ ] Directing theory (study and use of composition, picturization, movement, rhythm, gesture, etc.).

[ ] Methods of teaching drama (problems of teaching dramatic principles and presenting theatrical productions in the secondary school level).

Secondary English Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for English Endorsement

Name _____ School _____

District _____

A teacher with a major or minor in English will receive an endorsement to teach secondary English courses.

An endorsement to teach English without a major or minor in English requires a minimum of 24 hours of either college course work or approved inservice classes. Course work must include, but is not limited to the following:

Boxes with an "X" indicate the minimum requirement in that area has been met.

[ ] Personal writing (should include both narrative and expository)

[ ] Methods of teaching writing (using holistic methodology; i.e., integrating the teaching of critical thinking, listening, speaking, reading, writing, and the language skills of capitalization, punctuation, spelling, diction, syntax and grammar, etc., as they are experience within the context of the writing process).

[ ] Methods of teaching literature (using holistic methodology; i.e., integrating the teaching of critical thinking, listening, speaking, reading, and writing). Newer approaches, such as reader response strategies, should be included rather than limiting methodology to traditional literary analysis.

[ ] Secondary developmental reading (including decoding strategies, schema theory, metacognition, comprehension strategies, and vocabulary development in relationship to reading processes).

[ ] Reading in the content area (knowledge and application of reading processes and study skills as they apply to a variety of text and subject-specific materials).

[ ] Survey of American literature (from the Puritan period to the present, including all genres; i.e., novel, poetry, short story, nonfiction, essay, etc.).

[ ] Survey of British literature (from Anglo Saxon period to the present, including all genres; i.e., novel, poetry, short story, nonfiction, essay, etc.).

[ ] Adolescent literature as it reflects the psycho-social development of the adolescent (emphasizing the most modern young adult reading materials and including all genres; i.e., novel, poetry, short story, nonfiction, essay, etc.).

[ ] Computer technology; i.e., for teacher management systems, word processing, and the implementation of school writing labs.

Secondary Foreign Language Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Modern Foreign Language Endorsement

Name _____ School _____

District _____

A Foreign Language Endorsement in French, Spanish, German, or any other foreign language taught in Utah secondary schools is required to teach any class in that foreign language (1st, 2nd, 3rd, 4th, 5th, 6th year, and advanced placement). Minimum requirements for a Foreign Language Teaching Endorsement include a minor in the language from an accredited college or university or 24 quarter hours (16 semester hours) in the language for a Secondary Endorsement with no grade lower than a C.

_____ French _____ Spanish _____ German _____ Other

Please indicate which language? _____

Boxes with an "X" indicate the minimum academic requirement in areas has been met.

[ ] 1. First year (101, 102, 103)

[ ] 2. Second year (201, 202)

[ ] 3. Third year (304, 305)

[ ] 4. One course (literature, culture) taught in the target language

[ ] 5. Teaching methods in foreign language (or in French, in German, in Spanish, etc.). State approved inservice may be applicable

Those Foreign Language Endorsement candidates who have acquired language proficiency skills in non-college settings should contact Nancy Mathews (538-7742) or Joan Patterson (538-7776). If you choose not to take course work, another option is to complete #1 and #3 or #2 and #3 below.

1. A score of "advanced" on the ACTFL Oral Proficiency Interview (Spanish, French, German).

2. A score of "intermediate high" on the ACTFL Oral Proficiency Interview (Japanese, Russian).

3. A methods of teaching foreign language class from an accredited institution of higher learning.

   Or

   A USOE approved methods of teaching foreign language workshop.

Secondary Health Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Health Endorsement

Name _____ School _____

District _____

A teacher with a major or minor in health will receive endorsement to teach any class in secondary health education. An endorsement to teach health without a minor in health requires a minimum of 24 quarter hours (16 semester hours). These hours can be acquired through college course work or approved inservice classes in the following areas:

Boxes with an "X" indicate the minimum requirement in that area has been met.

[ ] Physiology

[ ] Psychology

[ ] Sex Education

[ ] First Aid

[ ] Drug - Alcohol

In completing the required number of hours, individuals may have additional course work or inservice classes in the following areas:

[ ] Consumer Health

[ ] Nutrition

[ ] Anatomy

[ ] Mental Health

[ ] Health - Wellness

[ ] Methods of Teaching Health Education

[ ] Safety Education

[ ] Personal Health

Secondary Information Technology Endorsement

Inservice/College Coursework/Demonstrated Competency
Checklist of Minimum Requirements
for Information Technology Endorsement

Name _____ School _____

District _____

A teacher with a teaching major or minor in Computer Science will receive an endorsement to teach any class in Secondary Information Technology which grants IT CORE credit.

A regular, elementary-school classroom teacher does not need an information technology endorsement. An elementary teacher whose assignment is as the school's technology teacher instead of teaching a regular class should have a COMPUTER LITERACY or a COMPUTER SCIENCE endorsement.

Boxes with an "X" indicate the minimum requirement in that area has been met.

COMPUTER LITERACY ENDORSEMENTS

This endorsement is required in order to teach any information technology LITERACY CORE clASS (those numbered 2070 through 2120).

[ ] Computer science teaching major or minor

OR

[ ] A technology teaching methods course (such as "Using the Computer to Teach Mathematics" or "Using a Word Processor in Language Arts") and at least 12 quarter hours of courses which provide introductory competencies in all of the following: artificial intelligence, audio tapes, authoring systems, automated libraries, CD-ROM, classroom management color printers, computers and CAI, copy machines, databases, desktop publishing, desktop presentations, DOS, educational TV-ITV, electronic mail, fax machines, graphics and CAD/CAM, interactive videos, keyboarding, LCD computer overheads, large-screen projectors, light pens, modem/telecommunications, mouse, networks and file servers, plotters, printers, programming, robotics, satellite dish/microwave, scanners, spreadsheets, student tracking/testing, synthesized speech, teleconferences, touch screens, video camcorders, video tapes/VCR, videodiscs/players, voice activation, and word processors. Submit transcripts and available course outlines (syllabi) for evaluation.

OR

[ ] Demonstrated Competency

COMPUTER SCIENCE ENDORSEMENT (K-12)

This endorsement is required in order to teach any information technology PROGRAMMING class.

[ ] Computer science teaching major or minor

OR

[ ] Twelve quarter hours of computer science courses must be completed in addition to all requirements for the COMPUTER LITERACY endorsement. These additional 12 quarter hours must include the following classes:

Structured Programming
Data Structures

Submit transcripts and available course outlines (syllabi) for evaluation.

OR

[ ] Demonstrated Competency. In order to be eligible to apply for demonstrated competency, you must have taught (under contract) for two years in the subject within the previous five-year period. This experience must have taken place in Utah. Lines of evidence may include any or all of the following: transcripts, inservice courses, recommendation of your principals and others, and/or a passing score from a standardized test in the subject in which endorsement is sought. Submit all materials supporting any of the acceptable lines of evidence including a cover letter identifying the subject area to be evaluated to the certification office of the Utah State Office of Education. A committee will evaluate your application.

Secondary Journalism Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Journalism Endorsement

Name _____ School _____

District _____

A teacher with a major or minor in journalism will receive an endorsement to teach secondary journalism courses.

An endorsement to teach journalism without a major or minor in journalism requires a minimum of 24 hours of either college course work or approved inservice classes. Course work must include, but is not limited to the following:

Boxes with an "X" indicate the minimum requirement in that area has been met.

[ ] Introduction to mass communication (organizations, functions, political economic, and social influences of mass media; books, magazines, newspapers, television, radio, film, public relations, and advertising).

[ ] Writing for the mass media (techniques and mechanics of reportorial writing).

[ ] Reporting (style, social responsibilities, and problems of reporting for the media of mass communications).

[ ] Layout and design (design, layout, and pasteup of newspapers).

[ ] Methods of teaching journalism (problems of advising staffs of school newspapers, yearbooks, and magazines).

Secondary Mathematics Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements for
Mathematics Endorsement Levels 2, 3, and 4
(Level 1 is certification for Grades K-6)

Name _____ School _____

SS # _____ District _____

A designated mathematics major on a transcript will receive a Level 4 endorsement.

A designated mathematics minor on a transcript will receive a Level 3 endorsement.

A designated composite major on a transcript which includes mathematics will typically receive a Level 3 endorsement, but must be evaluated on an individual basis according to the Level 2, 3, and 4 requirements.

In order to teach mathematics Grade 7-12 (Intermediate School, Junior High School, High School), a person must be endorsed in Levels 2, 3, or 4. Evidence of college credit, approved inservice credit, or demonstrated competency must be provided for each component of each level in order to be endorsed for that level.

A teacher with a middle school certificate may teach mathematics up to and including sixth grade with a Level 1 endorsement.

Boxes with an "X" indicate the minimum requirement within each level has been met.

Level 2 Endorsement (Grades 7-12) requires completion of the following:

- [ ] Elementary Algebra
- [ ] Geometry
- [ ] Intermediate Algebra
- [ ] Advanced Algebra
- [ ] Applications of Computers and Calculators in Mathematics
- [ ] Foundations in Arithmetic
- [ ] Methods of Teaching Mathematics
- [ ] Introduction to University Mathematics

In order to teach the following core courses

Applied Mathematics	Level 7
Basic Core I	Level 8
Basic Core II	Algebra Preparation
	Elementary Algebra

Level 3 Endorsement (Grades 7-12) requires completion of the following:

[ ] Elementary Algebra
[ ] Geometry
[ ] Intermediate Algebra
[ ] Advanced Algebra
[ ] Trigonometry
[ ] Application of Computers and Calculators in Mathematics
[ ] Methods of Teaching Mathematics
[ ] Year Sequence in Calculus and Analytical Geometry
[ ] Foundations in Algebra
[ ] Foundations in Geometry
[ ] Finite Probability
[ ] Linear Algebra

A Level 3 endorsement provides the authorization to teach the following core courses:

All Level 2 Core Courses
Geometry — Advanced Algebra
Intermediate Algebra — Trigonometry

Level 4 Endorsement (Grades 7-12) requires completion of the following:

[ ] Elementary Algebra
[ ] Geometry
[ ] Intermediate Algebra
[ ] Advanced Algebra
[ ] Trigonometry
[ ] Application of Computers and Calculators in Mathematics
[ ] Methods of Teaching Mathematics
[ ] Year Sequence in Calculus and Analyt
[ ] Foundations in Algebra
[ ] Foundations in Geometry
[ ] Finite Probability
[ ] Linear Algebra
[ ] Year Sequence of Analysis Beyond Calculus
[ ] Differential Equations
[ ] Modern Abstract Algebra

A Level 4 endorsement provides the authorization to teach the following core courses.

All Level 2 and Level 3 Core Courses
Analytic Geometry
Calculus

Secondary Music Endorsement

Inservice/College Coursework/Demonstrated Competency
Checklist of Minimum Requirements
for Music Endorsement

Name _____ School _____

District _____

A secondary endorsement in music requires a composite major or a minor in Music Education or state approved inservice course work. Course work for a minor or approved inservice must meet the basic requirements for music with either instrumental or vocal emphasis.

Boxes with an "X" indicate the minimum requirement in this area has been met.

Basic Requirements

[ ] Music Theory

[ ] Sight Singing and Ear Training

[ ] Concepts of Musical Style

[ ] Fundamentals of Conducting

[ ] Secondary School Music Methods

[ ] Performing Organizations

Instrumental Emphasis

[ ] Private Performance Study on a Band or Orchestral Instrument

[ ] Instrumental Rehearsal Techniques

Two of the following besides student's Major Instrument

[ ] String Pedagogy

[ ] Clarinet

[ ] Trumpet

Vocal Emphasis

[ ] Private Performance Study of Voice

[ ] Choral Rehearsal Techniques

[ ] Piano

Secondary Physical Education Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Physical Education Endorsement

Name _____ School _____

District _____

A teacher with a major or minor in physical education will receive an endorsement to teach any class in secondary physical education. An endorsement to teach physical education without a major or minor in physical education requires a minimum of 24 quarter hours (16 semester hours). These hours can be acquired through college course work or approved inservice classes in ALL of the following areas:

Boxes with an "X" indicate the minimum requirement in that area has been met.

- [ ] Introduction, Administration, or Philosophy of Physical Education
- [ ] Exercise Physiology
- [ ] Sports Medicine - including first aid and CPR training
- [ ] Motor Learning
- [ ] Methods of teaching Physical Education

In completing the required number of hours, individuals may have additional course work or inservice classes in the following areas:

- [ ] Administration of Intramurals
- [ ] Physical Education for the Handicapped
- [ ] Kinesiology
- [ ] Adaptive Physical Education
- [ ] Sports Officiating (Limit 1 class)
- [ ] Psychology of Sports
- [ ] Tests and Measurements of Physical Education
- [ ] Fitness Dynamics (Conditioning)
- [ ] Methods of Coaching (Limit 1 class)
- [ ] Activity Class (Limit 2 classes)
- [ ] Sports Law

Secondary Reading Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Reading Endorsement

Name _____ School _____

District _____

A teacher with a major or minor in middle school and/or secondary reading will receive endorsement to teach any class in reading.

An endorsement in developmental reading without a minor in reading requires approved inservice courses in the following areas:

Boxes with an "X" indicate the minimum requirement in areas has been met.

[ ] 1. Reading in the Content Area or Secondary Developmental Reading.

[ ] 2. Adolescent Literature.

[ ] 3. Utah Writing Project (or a course similar to the content of that project).

[ ] 4. Reading Diagnosis and Prescription (recommended but not required).

In lieu of sufficient college courses and/or approved inservice, teachers may apply for endorsement through demonstrated competencies in the following ten areas related to reading instruction. Demonstrated competency will be validated by the state specialist or a designated educator.

[ ] 1. Use informal reading evaluation techniques.

[ ] 2. Develop readiness for the specific content area reading task.

[ ] 3. Modify reading materials and activities to accommodate different levels of student readiness.

[ ] 4. Facilitate development of different levels of comprehension, particularly those involving the critical and analytical thinking skills.

[ ] 5. Assist students in developing and applying appropriate study skills to better facilitate acquisition of content area material.

[ ] 6. Understand developmental reading skills in relation to students' different reading levels and needs.

[ ] 7. Recognize the different levels of maturity with special understanding of the interests and tastes of young people.

[ ] 8. Motivate a variety of language-related experiences such as observing, listening, speaking and recording to reinforce content area reading.

[ ] 9. Teach the special language of the subject matter and vocabulary essential to concept developments.

[ ] 10. Facilitate students' awareness of the relationship of reading to future educational or occupational choices.

Coursework taken prior to 1978 will need to be evaluated because of the important research completed since then. Such validated practices should be incorporated into classroom instruction.

Secondary Science Endorsement

Inservice/College Coursework/Demonstrated Competency
Checklist of Minimum Requirements
for Science Endorsement

Name _____ School _____

Major _____ District _____

Minor _____

Science Endorsement(s) to be Considered: _____

_____

There are five (5) endorsements in science issued to the Secondary Certificates. They are: (1) Biological Science; (2) Earth Science; (3) Physical Science; (4) Chemistry; and (5) Physics. The minimum requirement for each is a minor or its equivalent. The exception to this is Physical Science in which there is no approved minor, only a composite major or its equivalent. An Earth Science endorsement may be gained through a composite major or equivalent, or a Geology major or minor. (NOTE: The attached paper shows the relationship of the science core teaching assignments, endorsements, and majors/minors to qualify for the endorsements.)

The following outlines the endorsement with the minimum requirements for each.

An "X" in the box indicates the minimum requirement in the area has been met. Where there is more than one box next to a subject, each box is equivalent to a quarter of course work or training). Each box must be checked in order to satisfy the requirement.

BIOLOGICAL SCIENCE

[ ] General Biology OR General Zoology AND General Botany

[ ] [ ] Zoology (Invertebrate, Vertebrate, Entomology, etc.)

[ ] [ ] Botany (Plant Kingdom, Plant Taxonomy, Trees and Shrubs, etc.)

[ ] Microbiology

[ ] Human Anatomy and Physiology

[ ] Heredity and Genetics

[ ] Ecology

[ ] Chemistry

[ ] *Teaching Methods in Life Science/Biology

PHYSICAL SCIENCE

[ ] [ ] [ ] Principles of Chemistry

[ ] [ ] [ ] General Physics (Including Mechanics, Electricity, Magnetism, Heat, Sound, and Light)

[ ] [ ] Weather/Meteorology, Physical Geology, Rocks & Minerals/ Mineralogy (Any 1 of the 3)

[ ] *Teaching Methods in Physical Science

EARTH SCIENCE

[ ] [ ] [ ] Geology - Physical Geology, Surficial Geology/Geomorphology Historical Geology, Rocks & Minerals/Mineralogy (Any 3)

[ ] [ ] [ ] General Physics (Including Mechanics, Electricity, Magnetism, Heat, Sound, and Light)

[ ] [ ] [ ] Principles of Chemistry

[ ] Astronomy

[ ] Ecology - Ecology/Conservation/Environmental Studies

[ ] Weather/Meteorology

[ ] *Teaching Methods in Earth Science

OR

GEOLOGY TEACHING MINOR

[ ] Physical Geology

[ ] Historical Geology

[ ] Surficial Geology/Geomorphology

[ ] Rocks and Minerals/Mineralogy

[ ] Structural Geology, Oceanography, Environmental Geology, Economical Geology, (Any 1)

[ ] Paleontology, Field Geology, Map Interpretation (Any 1)

[ ] *Teaching Methods in Earth Science

CHEMISTRY

[ ] [ ] [ ] Principles of Chemistry

[ ] [ ] [ ] Organic Chemistry

[ ] One other course above Principles and Organic Chemistry (i.e., Biochemistry, Physical Chemistry, Advanced Inorganic, Quantitative Analysis).

[ ] *Teaching Methods in Physical Science

PHYSICS

[ ] [ ] [ ] General Physics (Including Mechanics, Electricity, Magnetism, Heat, Sound, and Light)

[ ] [ ] Modern Physics (Atomic and Molecular Theory, Quantum Mechanics, Solid State, etc.)

[ ] Math through Trigonometry

[ ] *Teaching Methods in Physical Science

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*Teaching methods requirements may be fulfilled by completion of three years teaching in that subject area.

SCIENCE

	CORE TEACHING ASSIGNMENT	APPROVED ENDORSEMENT(S) TO TEACH	MAJOR/MINOR TO QUALIFY FOR ENDORSEMENT(S)
Grades 7-8	Life Science (Grades 7-8)	Biological Science	Biological Science Composite Major, OR Botany Major or Minor AND Zoology Major or Minor OR Biology Minor
	Earth-Space Science (Grades 7-8)	(1) Earth-Space Science	(1) Earth Science Composite Major, OR Geology Major or Minor
		(2) Physical Science	(2) Physical Science Composite Major
	Physical Science (Grades 7-8)	(1) Physical Science	(1) Physical Science Composite Major
		(2) Chemistry	(2) Chemistry Major or Minor
		(3) Physics	(3) Physics Major or Minor
		(4) Earth-Space Science	(4) Earth-Science Composite Major
Grades 9-12	Biology (Grades 9-12) (Same for AP Biology)	Biological Science	Biological Science Composite Major, OR Botany Major or Minor AND Zoology Major or Minor OR Biology Minor
	Chemistry (Grades 9-12) (Same for AP Chemistry)	(1) Chemistry	(1) Chemistry Major or Minor
		*(2) Physical Science	(2) Physical Science Composite Major
	Physics (Grades 9-12) (Same for AP Physics)	(1) Physics	(1) Physics Major or Minor
		*(2) Physical Science	(2) Physical Science Composite Major
	Biological-Earth Science (Grades 9-12)	(1) Biological Science	(1) Biological Science Composite Major OR Botany Major or Minor and Zoology Major or Minor OR Biology Minor
		(2) Earth-Space Science	(2) Earth-Science Composite Major

	CORE TEACHING ASSIGNMENT	APPROVED ENDORSEMENT(S) TO TEACH	MAJOR/MINOR TO QUALIFY FOR ENDORSEMENT(S)
Grades 9-12	Physical-Earth Science (Grades 9-12)	(1) Physical Science	(1) Physical Science Composite Major
		(2) Earth-Space Science	(2) Earth Science Composite Major
	Human Biology (Grades 9-12)	Biological Science	Biological Science Composite Major, OR Botany Major or Minor AND Zoology Major or Minor OR Biology Minor
	*Animal Science & Technology	Biological Science	Biological Science Composite Major, OR Botany Major or Minor AND Zoology Major or Minor OR Biology Minor
	*Plant & Soil Science & Technology	Biological Science	Biological Science Composite Major, OR Botany Major or Minor AND Zoology Major or Minor OR Biology Minor
	**Principles of Technology	Physics or Physical Science	(1) Physics Major or Minor
			(2) Physical Science Composite Major
Grades K-6	The only credential required for an elementary teacher to teach science is an Elementary Certificate. However, it is strongly recommended that an elementary teacher have specific training in life science, earth-space science, and physical-science to adequately teach the K-6 science core. The spiral approach, intertwining these three specialized areas of science gives credence to the recommendation. This training could be through college course work or inservice credit.		

* Both courses are required to satisfy the core requirement in biological sciences.

** A subject-specific endorsement in either physics or physical science (7-12) is required for physical science credit.

Secondary Social Studies Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Social Studies Endorsement

Name _____ School _____

Major _____ District _____

Minor _____ Social Security #_____

Subject Area(s) To Be Considered _____

A social studies composite gives endorsement to teach any class in the social sciences. Minimum requirements for a social studies composite include 69 quarter hours to be distributed as follows:

1. A minimum of 24 quarter hours shall be required in history (including world, United States, and Utah).
2. A minimum of 12 quarter hours shall be required in geography (including physical and cultural).
3. A minimum of 24 quarter hours shall be distributed over the remaining five areas with at least 6 quarter hours in each including an introductory or overview course in the following areas:

   *economics
   *political science
   *psychology
   *sociology or anthropology

4. Additional hours shall be acquired in any of the social sciences; i.e., anthropology, economics, geography, history, political science, psychology, and sociology, to reach the minimum requirement of 69 quarter hours.
5. At least one course in social studies methodology must be completed which may be from the school of education, in any of the cognate areas, but may not be applied toward the minimum 69 quarter hours.

An endorsement in any of the social sciences without a composite requires a minimum of 24 college quarter hours (16 semester hours) or approved inservice courses for secondary and middle school endorsements.

Boxes with an "X" indicate the minimum requirement in this area has been met.

History

[ ] World History (Ancient and Modern)

[ ] U. S. History (Beginning to Present)

[ ] Utah History

[ ] Specialized History Courses/Topics of the Teacher's Choice; i.e., European, Asian, Renaissance, Women's, Social, Economic, Constitutional, etc.

[ ] Teaching Methods in Social Studies and/or History

Geography

[ ] Physical Geography

[ ] World Cultural Geography

[ ] Geography of Utah

[ ] Specialized Geography Courses/Topics of the Teacher's Choice; i.e., Cartography, Weather and Climate, Historical, Economic, Urban, Various Regional Studies, etc.

[ ] Teaching Methods in Social Studies and/or Geography

Economics

[ ] Principles of Economics (Macro and Micro)

[ ] Economic History

[ ] Specialized Economics Courses/Topics of the Teacher's Choice; i.e., Labor, Money and Banking, Government and Business in the Free Enterprise System, International, etc.

[ ] Teaching Methods in Social Studies and/or Economics

Political Science

[ ] American Government (National, State, Local)

[ ] Elements of Law/Law-Related Education

[ ] Specialized Political Science Courses/Topics of the Teacher's Choice; i.e., Politics, The Presidency, Legislative and Judicial Processes, Comparative Politics/Theory, The Constitution, International Politics, Foreign Policy, Politics and the American Economy, etc.

[ ] Teaching Methods in Social Studies and/or Political Science and/or Law-Related Education

Psychology

[ ] Introduction to Psychology

[ ] Psychological Research Methods

[ ] Specialized Psychological Courses/Topics of the Teacher's Choice; i.e., Physiological (Infancy, Childhood, Adolescence, Family Relations), Social, Personality Theories, Clinical, Abnormal, Human Learning and Thinking, Environmental, Animal Behavior, Motivation, etc.

[ ] Teaching Methods in Social Studies and/or Psychology

Sociology

[ ] Introduction to Sociology

[ ] Social Psychology

[ ] Social Organization (Institutions)

[ ] Specialized Sociology Courses/Topics of the Teacher's Choice; i.e., Research Methods, Marriage and Family, Social Problems, Group Dynamics, the American Class System, Religion, Women, Crime, Minorities, Aging, Poverty, etc.

[ ] Teaching Methods in Social Studies and/or Sociology

Anthropology

[ ] Cultural and Physical Anthropology

[ ] Prehistory or Linguistics

[ ] Specialized Anthropology Course/Topics of the Teacher's Choice; i.e., Geographical Areas (Indians, Oceania, Middle East), Religions, Sex Roles, Aging, Evolution, Culture Change, Osteology, etc.

[ ] Teaching Methods in Social Studies and/or Anthropology

Utah Studies (Middle and/or Junior High School Only)

[ ] Utah History

[ ] Utah Geography

[ ] Specialized Utah Studies Courses/Topics of the Teacher's Choice; i.e., Indians, Pioneers, Minorities, Environmental Issues, Future Studies, Contemporary Issues, Water Problems, Architecture, Government, Economics, etc.

[ ] Teaching Methods in Social Studies and/or Utah Studies

In those school districts which combine classes at the Middle Education/Secondary level; i.e., geography and world civilizations, or a general social studies class which includes economics, political science, geography, etc., the teacher must have an endorsement in one of the disciplines and college and/or inservice training (minimum of three quarter hours) in all disciplines which may comprise the course, according to the following:

History

World History (Ancient and/or Modern)

OR

U.S. History (Beginnng to Present)

OR

Utah History

Geography

World Cultural Geography

Economics

Principles of Economics (Macro and Micro)

Political Science

American Government (National, State, Local)

Psychology

Introduction to Psychology

Sociology

Introduction to Sociology

Antrhopology

Cultural and Physical Anthropology

Utah Studies

Utah History

Secondary Speech Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Speech Endorsement

Name _____ School _____

District _____

A teacher with a major or minor in speech will receive an endorsement to teach secondary speech courses.

An endorsement to teach speech without a major or minor in speech requires a minimum of 24 hours of either college course work or approved inservice classes. Course work must include, but is not limited to the following:

Boxes with an "X" indicate the minimum requirement in that area has been met.

[ ] Principles of publish speaking (selection of subjects for specific speech purposes, fundamental skills of speech preparation and methods of delivery)

[ ] Listening (acquisition of listening skills facilitating in-depth learning, retention, and recall in oral communication).

[ ] Fundamentals of oral interpretation (oral reading of literature with emphasis on techniques of impression and expression).

[ ] Debate and argumentation (analysis, reasoning, types of evidence, organization, delivery, and techniques in logic as they apply to forensic situations. Techniques of debate with emphasis on analysis and application of various forms of evidence in debate).

[ ] Radio and television performance and production (theory and practice in major forms of radio and television production).

[ ] Methods of teaching speech (methods and techniques of teaching speech in the secondary school).

Secondary Visual Arts Endorsement

Inservice/College Course Work/Demonstrated Competency
Checklist of Minimum Requirements
for Visual Arts Endorsement

Name _____ School _____

District _____

A visual arts major, K-12 endorsement, or composite gives endorsement to teach any class in the visual arts. Minimum requirements for a major (the least rigorous of the three endorsements) would require 70 quarter hours. Course work must include the 30 hours indicated in parentheses in each of the underlined areas. The balance of the 70 hours may be determined by the applicant. Critical courses are marked with an asterisk.

Boxes with an "X" indicate the minimum requirement in areas has been met.

Art History and Criticism (9)

- [ ] Ancient
- [ ] European Early Christian - Baroque
- [ ] European Rococo to 20th Century
- [ ] Non European
- [ ] *Modern
- [ ] *Introduction to Art Criticism

Art Education (3)

- [ ] *Methods Course for Secondary Teachers
- [ ] Foundations in Art Education - philosophy, history, etc.
- [ ] Research or Curriculum Development

Studio - Two-Dimensional Work (9)

- [ ] *Drawing, Basic
  - [ ] Figure
  - [ ] Advanced or Studio
- [ ] *Painting, General
- [ ] Water Color
- [ ] Acrylics or Oil
- [ ] Advanced or Studio
- [ ] Printmaking
- [ ] *Design or Composition - including Color Theory
- [ ] Commercial Art, General
  - [ ] Illustration

Studio - Two-Dimensional Work (9) (Continued)

- [ ] Interior Design
- [ ] Fashion
- [ ] Industrial Design
- [ ] Advertising or Graphic Design

[ ] Color Theory

[ ] Photography

Studio - Three-Dimensional Work (9)

[ ] *Ceramics

- [ ] Beginning
- [ ] Advanced

[ ] Sculpture

[ ] Fiber

[ ] *Jewelry

[ ] *Fine Crafts

A minor in the visual arts requires a minimum of 24 college quarter hours (16 semester hours) or approved inservice courses. A middle school endorsement of 18 quarter hours must include each of the areas outlined for a minor in art. Course work should include the following:

- [ ] Art history and criticism - modern or late European
- [ ] Methods for secondary teachers
- [ ] Basic drawing
- [ ] Basic painting
- [ ] Ceramics
- [ ] Crafts or jewelry
- [ ] Other _____

Lines of endorsement or demonstrated competency in areas where course work is not sufficient to meet minimum requirements may be provided by the teacher.

Individuals assigned to teach three or more subjects in small, necessarily existent rural schools, alternative high schools, etc., may qualify for an endorsement in the visual arts with a minimum of 9 quarter hours of college or approved inservice course work in

- [ ] Art History and Criticism (3)
- [ ] Basic drawing (3)
- [ ] Color and Design (3)

The teacher may also apply for an endorsement through demonstrated competency in meeting part or all of the 9 quarter hour requirement.